L Number	Hits	Search Text	DB	Time stamp
69	120	73/862.324.ccls.	USPAT;	2002/10/16 15:37
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
76	129	73/862.325.ccls.	USPAT;	2002/10/16 15:37
			US-PGPUB;	
			EPO; JPO;	
I			DERWENT;	
			IBM_TDB	,
83	676	33/706.ccls.	USPAT;	2002/10/16 15:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
90	492	73/800.ccls.	USPAT;	2002/10/16 15:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
97	173	(73/862.324.ccls. 73/862.325.ccls. 33/706.ccls. 73/800.ccls.) and	USPAT;	2002/10/16 15:44
		((sens\$4 measur\$4 meter\$4 determin\$4 detect\$4) near4 (lengthening	US-PGPUB;	
		elongat\$4 exten\$4 disten\$4 stretch\$4))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
104	24	((73/862.324.ccls. 73/862.325.ccls. 33/706.ccls. 73/800.ccls.) and	USPAT;	2002/10/16 15:46
		((sens\$4 measur\$4 meter\$4 determin\$4 detect\$4) near4 (lengthening	US-PGPUB;	
		elongat\$4 exten\$4 disten\$4 stretch\$4))) and ((ratio relation divi\$4	EPO; JPO;	
		proportion\$4 magnitud\$4) near4 (calculat\$4 determin\$4 estimat\$4	DERWENT;	
		comput\$4 evaluat\$4))	IBM_TDB	
-	474	73/800.ccls.	USPAT;	2002/10/16 15:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	280	((rotat\$4 turning) near4 (shaft rod bar) and (groove furrow channel	USPAT;	2002/10/15 17:25
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm.	EPO; JPO;	
		·	DERWENT;	
į			IBM_TDB	
-	28		USPAT;	2002/04/10 20:13
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
1		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm. and	EPO; JPO;	
		((eddy near2 current) (capacitance near2 gap) photoelectric)	DERWENT;	
			IBM_TDB	2002/04/10 20 22
-	28	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:23
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))).clm. and	EPO; JPO;	
		((eddy near2 current) (capacitance near2 gap) photoelectric)	DERWENT;	
			IBM_TDB	2002/04/12 20 27
-	464	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:27
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
		detect\$4))	IBM_TDB	2002/04/11 10:05
-	109	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 10:05
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 stretch\$4))) and (((eddy near2 current)	EPO; JPO;	
		(capacitance near2 gap) photoelectric) near4 (sens\$4 detect\$4))	DERWENT;	
		1	IBM_TDB	I



-	41	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/10 20:32
	!	indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (lengthening elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
		detect\$4)) and 73/\$6.ccls.	IBM_TDB	
-	55	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:25
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (length\$6 elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
}		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
		detect\$4)) and 73/\$6.ccls.	IBM TDB	
_	42	(((rotat\$4 turning) near4 (shaft rod bar)) near9 (groove furrow channel	USPAT;	2002/04/11 10:20
_		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		near4 (length\$6 elongat\$4 stretch\$4))) and (((eddy near2 current)	EPO; JPO;	
		(capacitance near2 gap) photoelectric) near4 (sens\$4 detect\$4))	DERWENT;	
		(capacitance near 2 gap) photoelectric) near 4 (sonsor detects 1))	IBM TDB	
	5	(((rotat\$4 turning) near4 (shaft rod bar)) near9 (groove furrow channel	USPAT;	2002/04/11 10:56
-	3	indent\$4 depression gap)) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	2002/04/11 10:50
			EPO; JPO;	
		near4 (length\$6 elongat\$4 stretch\$4) near4 (chang\$4 variati\$4 alterat\$4	DERWENT;	•
]		differen\$4)) and ((eddy near2 current) (capacitance near2 gap)		
		photoelectric) near4 (sens\$4 detect\$4)	IBM_TDB	2002/04/11 11:24
-	6	(((((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:36
		indent\$4 depression gap) and ((sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
	ļ	near4 (length\$6 elongat\$4 exten\$4 disten\$4 stretch\$4))) and (((eddy	EPO; JPO;	
		near2 current) (capacitance near2 gap) photoelectric) near4 (sens\$4	DERWENT;	
		detect\$4))).clm.	IBM_TDB	0000/04/14 *** 00
-	55	(((rotat\$4 turning) near4 (shaft rod bar)) and (groove furrow channel	USPAT;	2002/04/11 11:38
ŧ		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))).clm.	DERWENT;	
			IBM_TDB	2000/04/11 11 20
-	4	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:39
		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))).clm.	DERWENT;	
			IBM_TDB	
-	6	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:44
}		indent\$4 depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4)	US-PGPUB;	
		and (((eddy near2 current) (capacitance near2 gap) photoelectric) near4	EPO; JPO;	
		(sens\$4 detect\$4))) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	11	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:57
1		indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4	US-PGPUB;	
1		detect\$4) and (((eddy near2 current) (capacitance near2 gap)	EPO; JPO;	
		photoelectric) near4 (sens\$4 detect\$4))) and 73/\$6.ccls.	DERWENT;	
			IBM_TDB	<u> </u>
-	14	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 11:59
-		indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4	US-PGPUB;	
		detect\$4) and ((eddy near2 current) capacitance photoelectric) near4	EPO; JPO;	
	1	(sens\$4 detect\$4)) and (distance spacing separation) and 73/\$6.ccls.	DERWENT;	
	1		IBM_TDB	
-	1	JP63313007	USPAT;	2002/04/11 11:58
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
	1		IBM_TDB	
-	1	"63313007"	USPAT;	2002/04/11 11:58
-			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	1	"62149938"	USPAT;	2002/04/11 11:58
	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
L	<u> </u>		·	<u>' </u>

-	1	JP62149938	USPAT;	2002/04/11 11:59
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
-	648	33/706.ccls.	USPĀT;	2002/10/16 15:37
			US-PGPUB;	
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(((rotat\$4 turning) near4 (shaft rod bar)) near6 (groove furrow channel	USPAT;	2002/04/11 12:04
		mark\$4 indent\$4 projection depression gap) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance	US-PGPUB; EPO; JPO;	
		photoelectric) near4 (sens\$4 detect\$4)) and (distance spacing separation)	DERWENT;	
		and 33/706.ccls.	IBM_TDB	
_	0	((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod bar) near6 (groove	USPAT;	2002/04/11 12:10
	Ĭ	furrow channel mark\$4 indent\$4 projection depression gap)) and (sens\$4	US-PGPUB;	
		measur\$4 determin\$4 detect\$4) and ((eddy near2 current) capacitance	EPO; JPO;	
		photoelectric) near4 (sens\$4 detect\$4) and sensor and 33/\$6.ccls.	DERWENT;	
			IBM_TDB	
-	0	((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar)	USPAT;	2002/04/11 13:34
		near6 (groove furrow channel mark\$4 indent\$4 projection depression	US-PGPUB;	
		gap)) and (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2	EPO; JPO;	
		current) capacitance photoelectric) near4 (sens\$4 detect\$4) and sensor	DERWENT;	
	11	and 33/\$6.ccls. ((lengthen\$4 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar)	IBM_TDB USPAT;	2002/04/11 12:51
-	11	near6 (groove furrow channel mark\$4 indent\$4 projection depression	US-PGPUB;	2002/04/11 12:51
		gap)) and (sens\$4 measur\$4 determin\$4 detect\$4) and sensor and	EPO; JPO;	
		33/\$6.ccls.	DERWENT;	
			IBM_TDB	
i	0	63313007.URPN.	USPAT	2002/04/11 13:32
-	1	(((length\$6 elongat\$4 stretch\$4) near4 (shaft rod axial cylind\$6 bar)	USPAT;	2002/04/11 13:45
		near6 (groove furrow channel mark\$4 indent\$4 projection depression	US-PGPUB;	
		gap)) near9 (sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2	EPO; JPO;	
	1	current) capacitance photoelectric) near4 (sens\$4 detect\$4) and	DERWENT; IBM TDB	
	1	sensor).clm. (((rotat\$5 torque) near4 (shaft rod axial cylind\$6 bar) near6 (groove	USPAT;	2002/04/11 13:56
-	1	furrow channel mark\$4 indent\$4 projection depression gap)) near9	US-PGPUB;	2002/01/11/15/50
		(sens\$4 measur\$4 determin\$4 detect\$4) and ((eddy near2 current)	EPO; JPO;	
		capacitance photoelectric) near4 (sens\$4 detect\$4) and sensor).clm.	DERWENT;	
			IBM_TDB	
-	122	(((rotat\$5 torque) near4 (shaft rod axial cylind\$6 bar) near6 (groove	USPAT;	2002/04/11 14:00
		furrow channel mark\$4 indent\$4 projection depression gap)) near9	US-PGPUB;	
		(sens\$4 measur\$4 determin\$4 detect\$4) and (sens\$4 detect\$4)).clm.	EPO; JPO;	<u> </u>
	1		DERWENT; IBM_TDB	
	2	("5440938" "5452616").PN. >	USPAT	2002/04/11 14:08
-		5979248.URPN.	USPAT	2002/04/11 14:11
_	118	73/862.324.ccls.	USPAT;	2002/10/16 15:37
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		T0/0/2025 1	IBM_TDB	2002/04/11 14:15
-	121	73/862.325.ccls.	USPAT;	2002/04/11 14:15
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
1.	91	73/862.32\$.ccls. and (mark\$4 notch\$4)	USPAT;	2002/04/11 14:34
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	



-	65	73/862.32\$.ccls. and (mark\$4 notch\$4) and ((sens\$4 detect\$4	USPAT;	2002/04/11 14:22
		determin\$4) near4 (shaft rod bar))	US-PGPUB;	
		, , , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3	4995257.pn.	USPAT;	2002/04/11 14:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6	("4305294" "4347748" "4352295" "4525068" "5001937" "5297044").PN.	USPAT	2002/04/11 14:24
-	6	5438882.URPN.	USPAT	2002/04/11 14:25
-	105	73/862.32\$.ccls. and (mark\$4 notch\$4 projection) and rotat\$4	USPAT;	2002/04/11 14:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	65	73/862.3\$.ccls. and (mark\$4 notch\$4 projection) and rotat\$4 and	USPAT;	2002/04/11 17:09
		((capacitive (eddy near2 current) photodetect\$4 photoelectric))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	-
		41//2024 UD DV	IBM_TDB	2002/04/11 14:42
•	1	4166383.URPN.	USPAT	2002/04/11 14:43 2002/04/11 14:43
-	2	("2519378" "2811853").PN.	USPAT USPAT;	2002/04/11 14:43
-	48	73/862.3\$.ccls. and (groove) and rotat\$4 and ((capacitive (eddy near2 current) photodetect\$4 photoelectric))	US-PGPUB;	2002/04/11 17:10
		current) photodetects4 photoelectric))	EPO; JPO;	
			DERWENT;	
	1		IBM TDB	
_	5	("5315881" "5438882" "4712432" "4166383" "5723794").pn.	USPAT	2002/04/11 18:47
	24	((rotat\$4 turning torsion) near4 (shaft rod bar) near4 (groove furrow	USPAT;	2002/10/16 11:27
		channel indent\$4 depression gap) and ((sens\$4 measur\$4 meter\$4	US-PGPUB;	
		determin\$4 detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4	EPO; JPO;	
		stretch\$4))).clm.	DERWENT;	:
			IBM_TDB	:
-	1	((rotat\$4 turning torsion) near4 (shaft rod bar) near4 (groove furrow	USPĀT;	2002/10/15 17:37
`	1	channel indent\$4 depression gap)) and ((sens\$4 measur\$4 meter\$4	US-PGPUB;	
		determin\$4 detect\$4 sens\$4) near4 (lengthening elongat\$4 exten\$4	EPO; JPO;	
		disten\$4 stretch\$4)) same ((interval time period) near4 ratio)	DERWENT;	
			IBM_TDB	
-	34	((rotat\$4 turning torsion) near4 (shaft rod bar) near4 (groove furrow	USPAT;	2002/10/16 15:44
		channel indent\$4 depression gap) and ((sens\$4 measur\$4 meter\$4	US-PGPUB;	
		determin\$4 detect\$4) near4 (lengthening elongat\$4 exten\$4 disten\$4	EPO; JPO;	
		stretch\$4)))and ((ratio relation divi\$4 proportion\$4 magnitud\$4) near4	DERWENT;	
	1	(calculat\$4 determin\$4 estimat\$4 comput\$4 evaluat\$4))	IBM_TDB	l